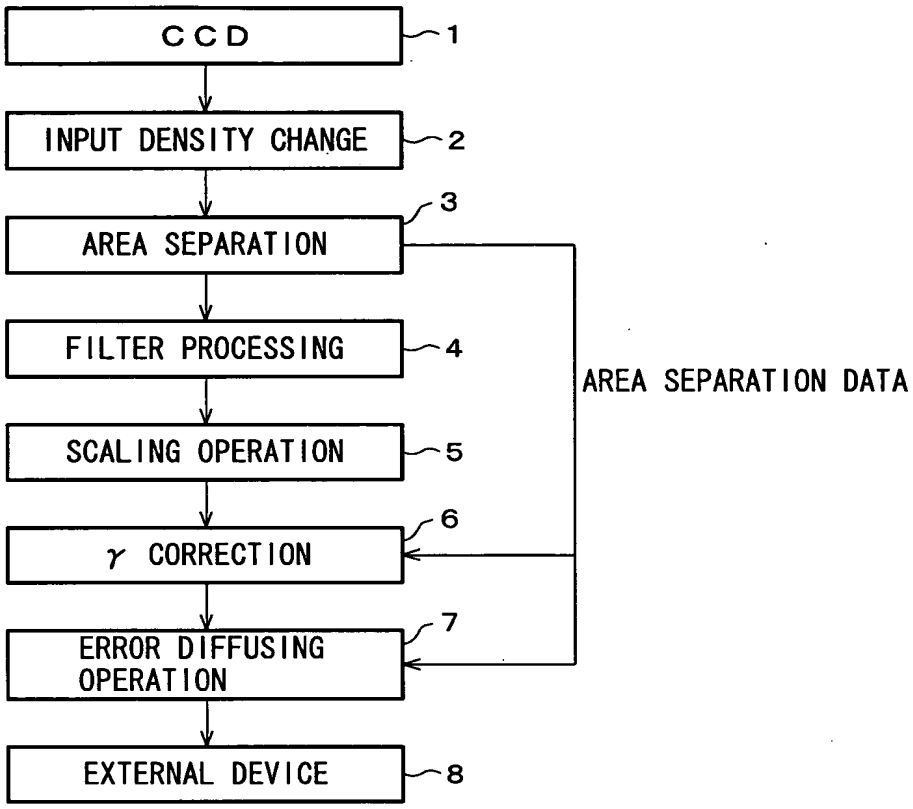
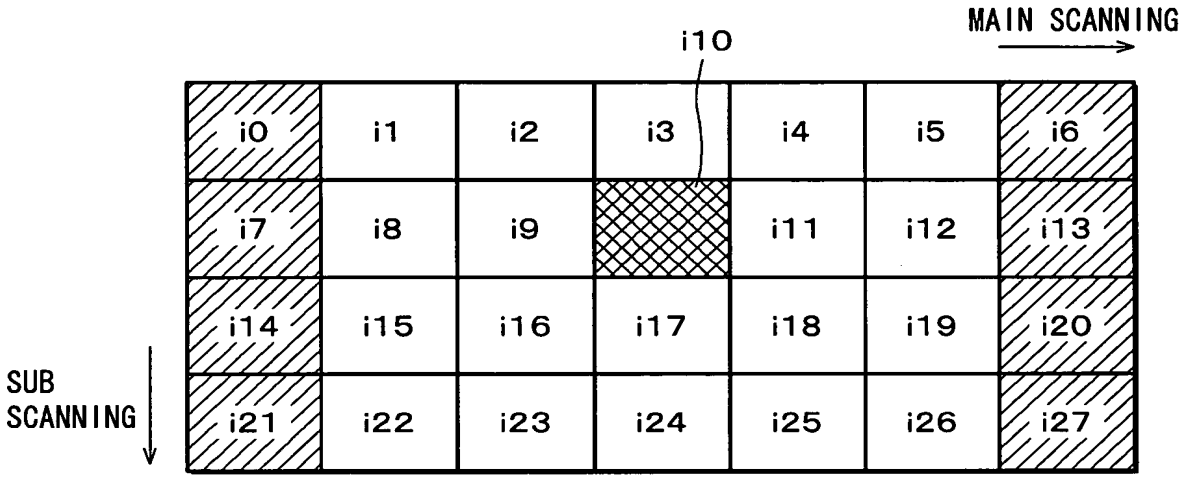
FIG. 1



09604754 020704

F I G. 2


MAIN SCANNING
i10
i0
i1
i2
i3
i4
i5
i6
i7
i8
i9
i11
i12
i13
i14
i15
i16
i17
i18
i19
i20
i21
i22
i23
i24
i25
i26
i27
SUB SCANNING

F I G. 3

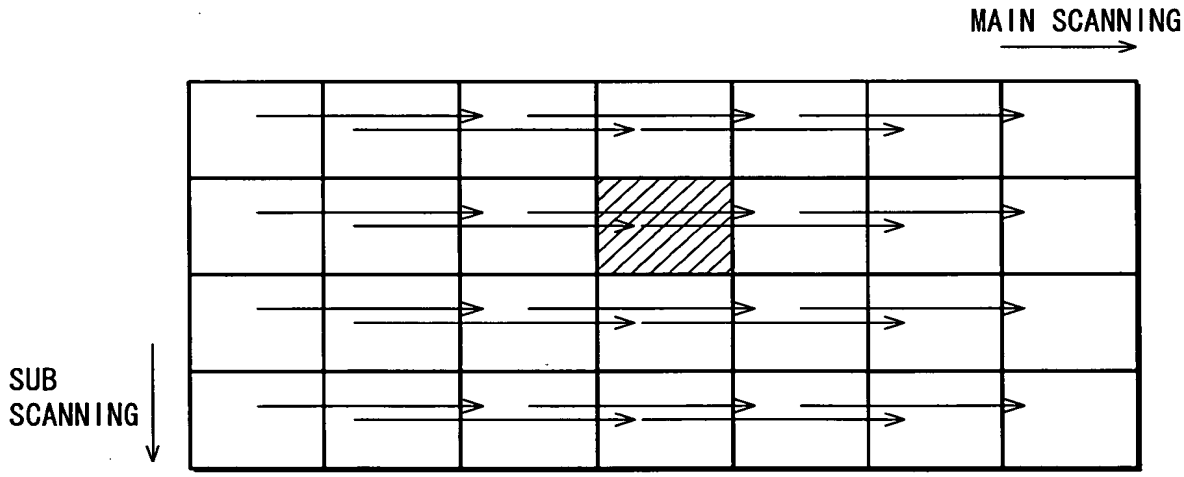
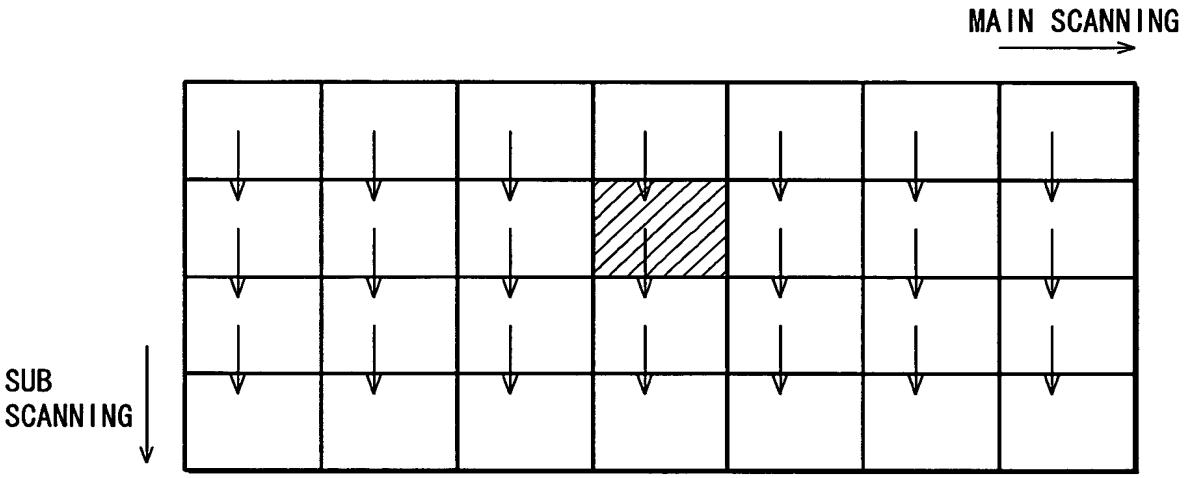
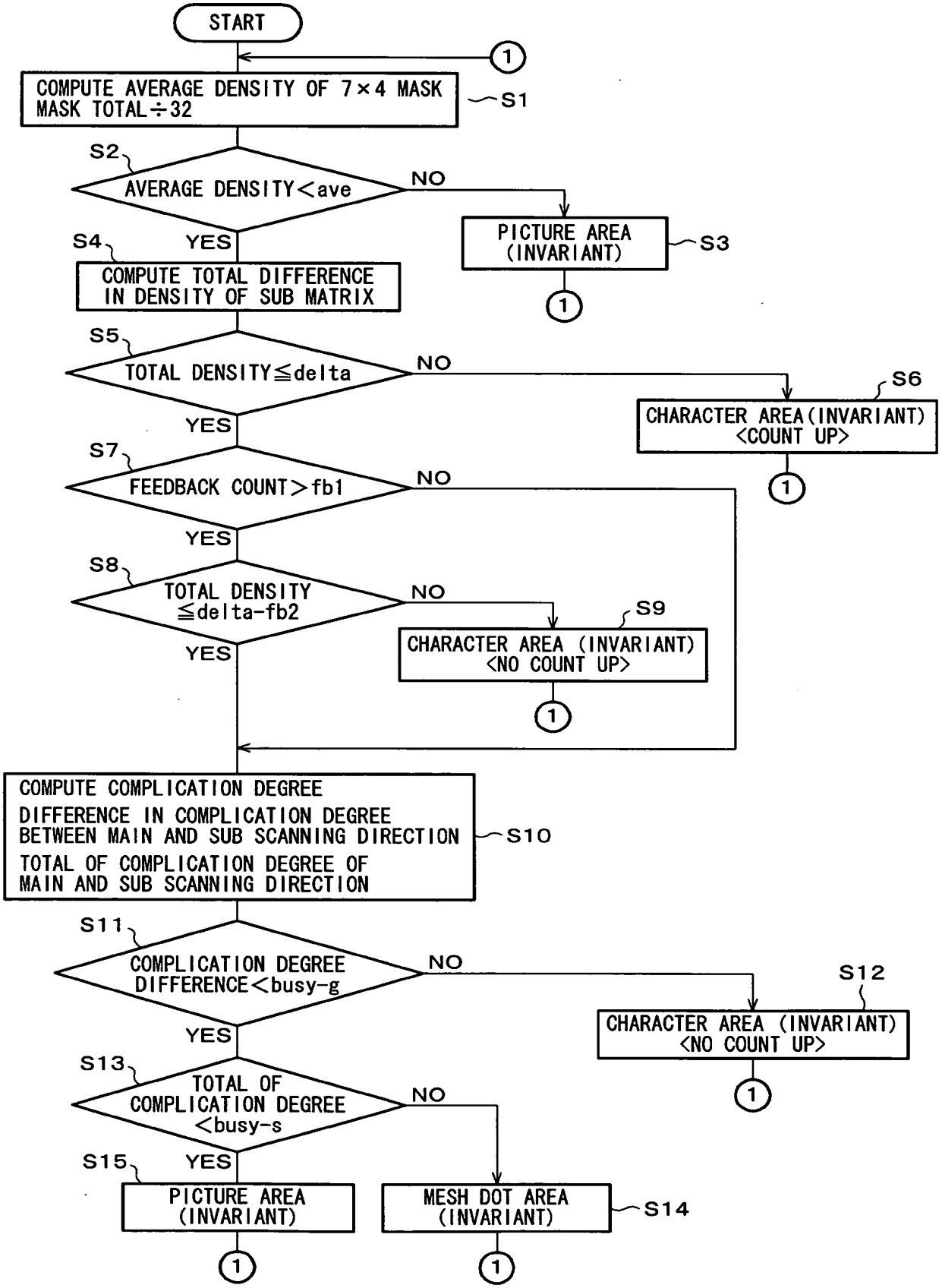

MAIN SCANNING
SUB SCANNING

FIG. 4



0054250

FIG. 5



US 6,606,420 B1

FIG. 6

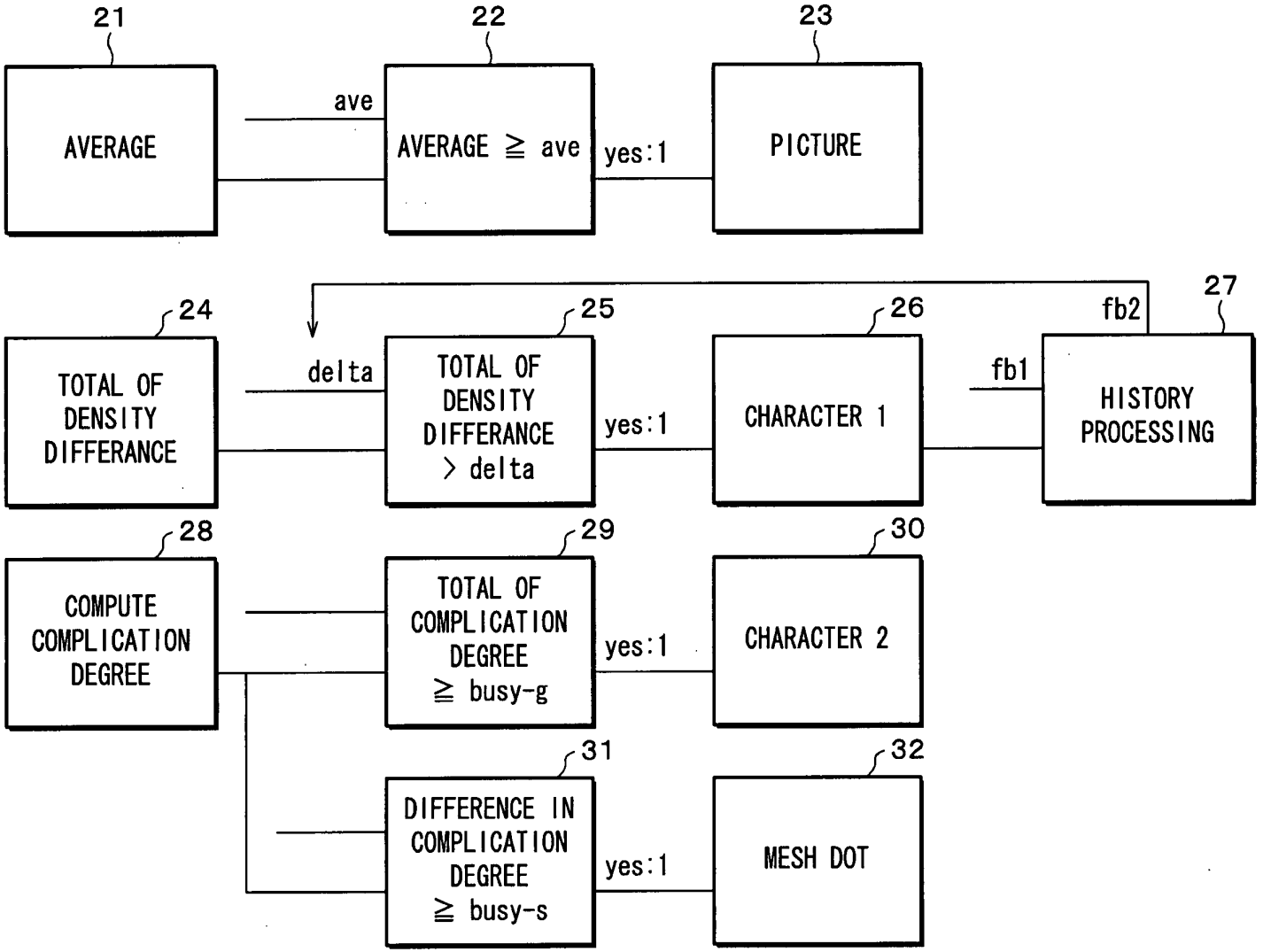

21
AVERAGE
ave
22
AVERAGE ≧ ave
yes:1
23
PICTURE
24
TOTAL OF DENSITY DIFFERANCE
delta
25
TOTAL OF DENSITY DIFFERANCE > delta
yes:1
26
CHARACTER 1
fb1
fb2
27
HISTORY PROCESSING
28
COMPUTE COMPLICATION DEGREE
29
TOTAL OF COMPLICATION DEGREE ≧ busy-g
yes:1
30
CHARACTER 2
31
DIFFERENCE IN COMPLICATION DEGREE ≧ busy-s
yes:1
32
MESH DOT

FIG. 7

PICTURE	CHARACTER 1	CHARACTER 2	MESH DOT	AREA SETTING
0	0	0	0	0
0	0	0	1	2
0	0	1	0	1
0	0	1	1	1
0	1	0	0	1
0	1	0	1	1
0	1	1	0	1
0	1	1	1	1
1	0	0	0	0
1	0	0	1	0
1	0	1	0	0
1	0	1	1	0
1	1	0	0	0
1	1	0	1	0
1	1	1	0	0
1	1	1	1	0

FIG. 8

0	0	0	0	0
0	0	1	0	0
0	0	0	0	0
0	0	0	0	0

FIG. 9

−1	−1	−1	−1	−1
−1	−1	50	−1	−1
−1	−1	−1	−1	−1
−1	−1	−1	−1	−1

FIG. 10

−1	−1	5	−1	−1
1	3	50	3	1
−1	−1	3	−1	−1
−1	−1	1	−1	−1

Sony Exhibit 1009
Page 14 of 20

FIG. 11

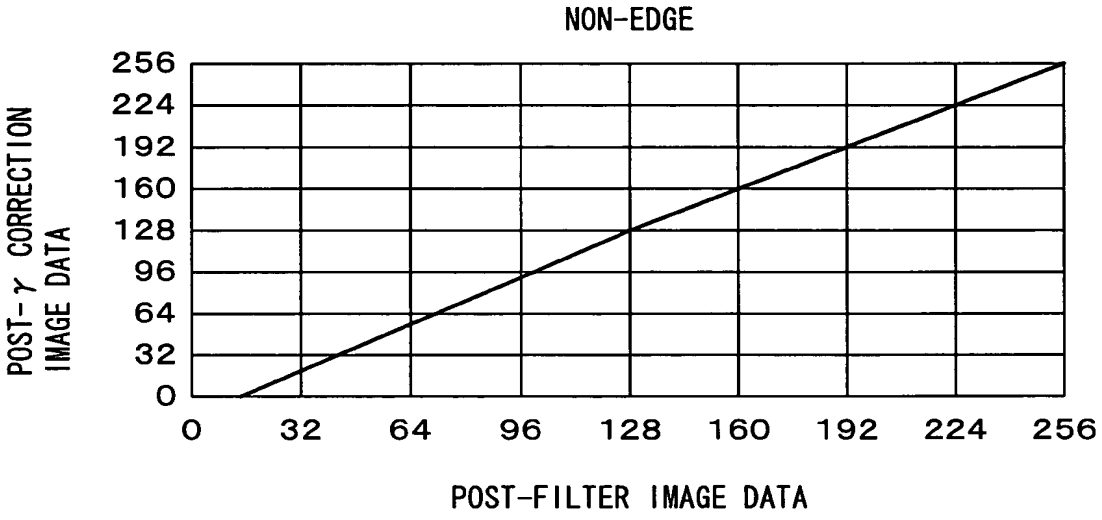

NON-EDGE
POST-γ CORRECTION IMAGE DATA
256
224
192
160
128
96
64
32
0
0
32
64
96
128
160
192
224
256
POST-FILTER IMAGE DATA

FIG. 12

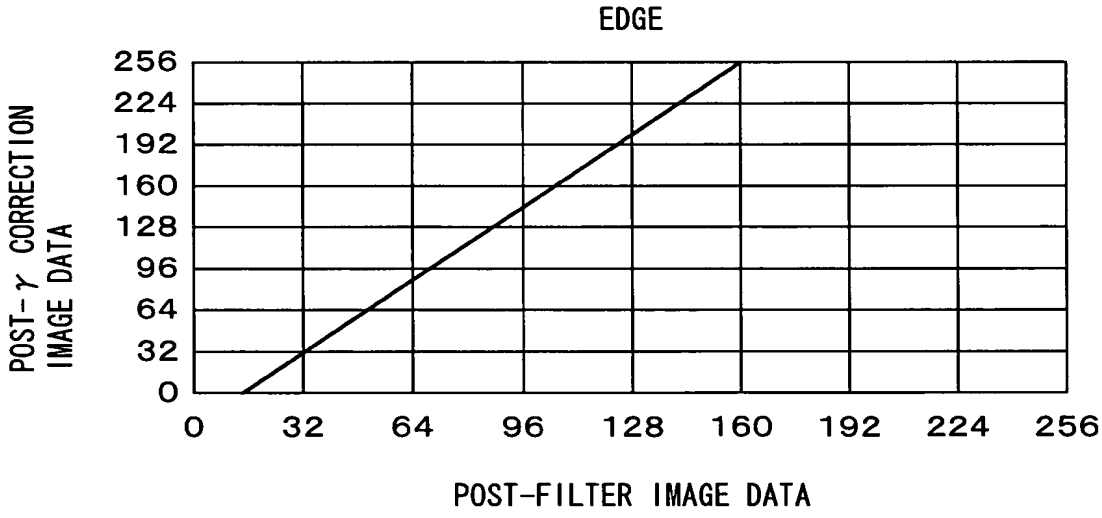

EDGE
POST-γ CORRECTION IMAGE DATA
256
224
192
160
128
96
64
32
0
0
32
64
96
128
160
192
224
256
POST-FILTER IMAGE DATA

FIG. 13

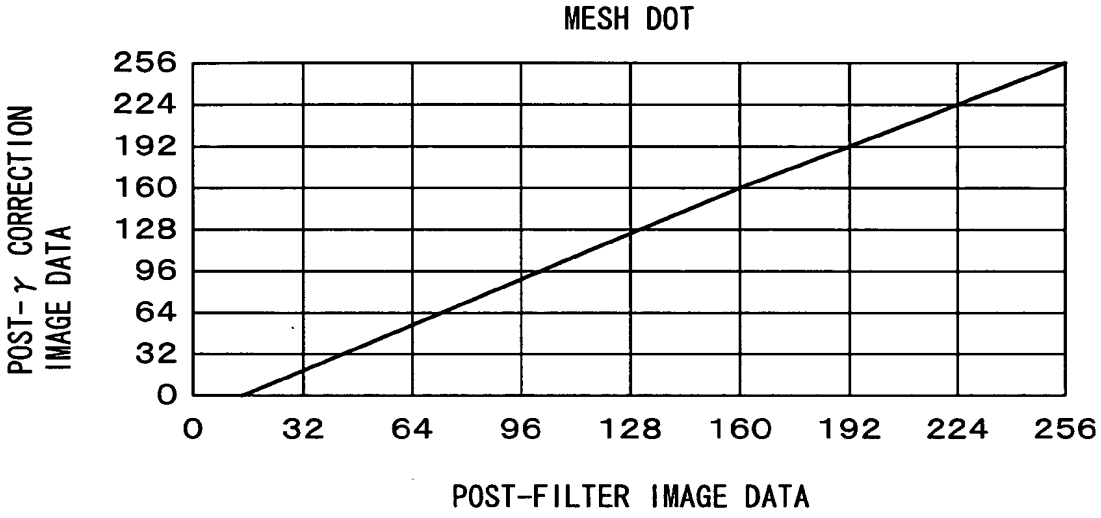


FIG. 14

	p	a
b	c	d